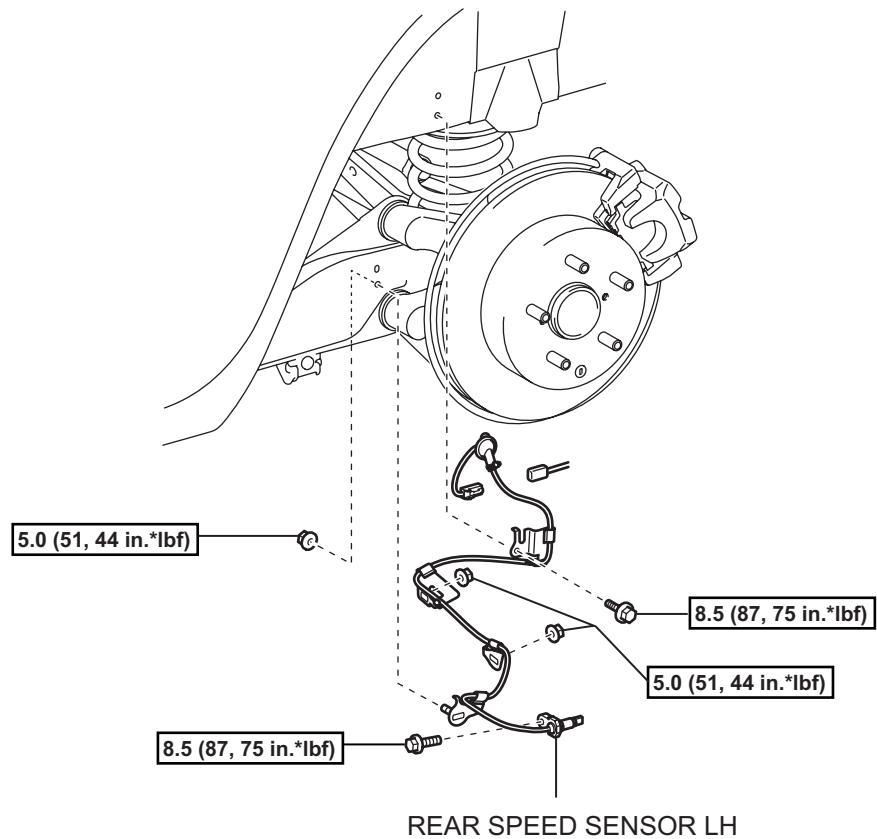


## REAR SPEED SENSOR (for 4WD)

### COMPONENTS



N\*m (kgf\*cm, ft.\*lbf) : Specified torque

## REMOVAL

### HINT:

- Use the same procedures for the LH side and RH side.
- The procedures listed below are for the LH side.

### 1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

#### CAUTION:

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

### 2. REMOVE REAR WHEEL

### 3. REMOVE DECK TRIM SIDE PANEL ASSEMBLY LH

- Remove the deck trim side panel LH (see page [IR-26](#)).

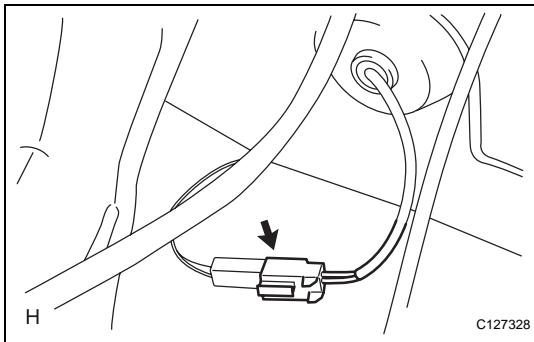
#### HINT:

Refer to the procedures from the removal of the rear door scuff plate LH up until the removal of the deck trim side panel assembly LH.

### 4. REMOVE REAR SPEED SENSOR LH

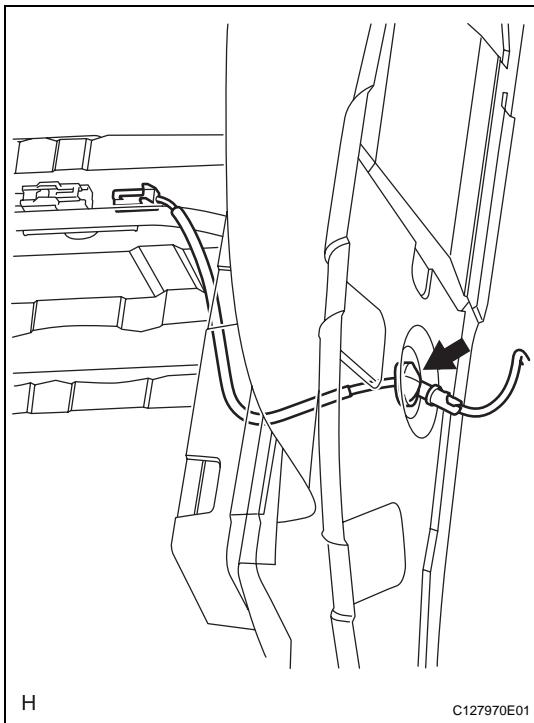
- Disconnect the speed sensor connector.

BC

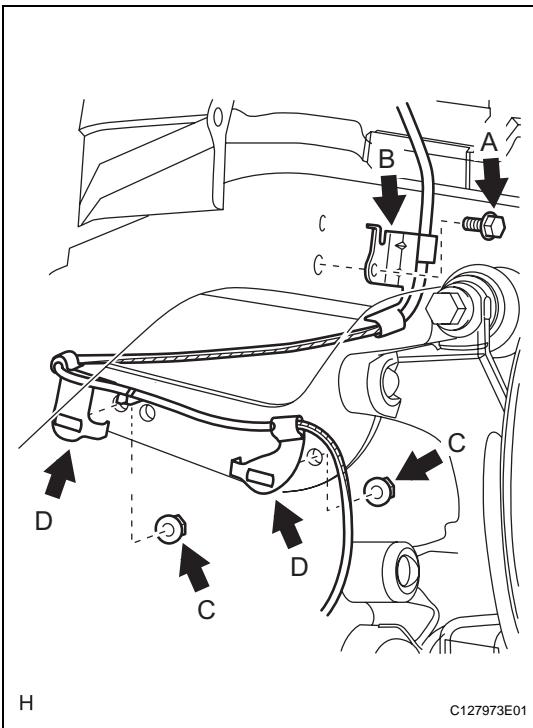


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- Disconnect the grommet of the speed sensor wire from the hole of the wheel house.

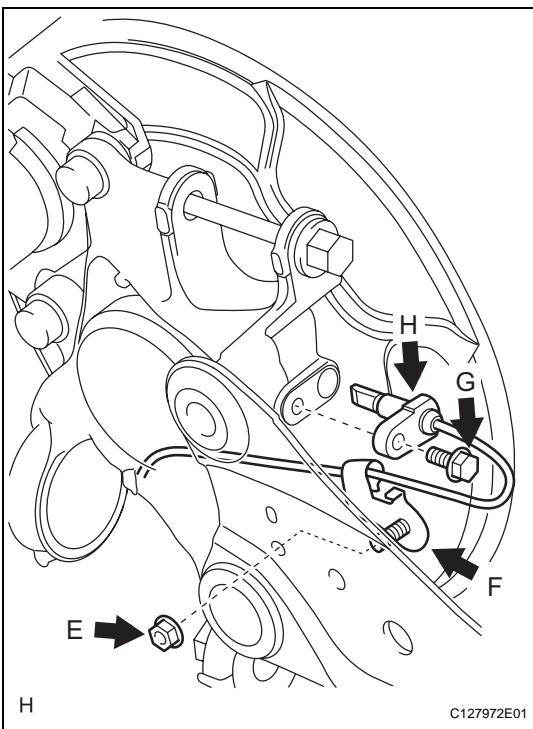


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- (c) Remove the bolt (labeled A) and sensor clamp (labeled B) from the side member.
- (d) Remove the 2 nuts (labeled C) and sensor clamps (labeled D) from the upper arm.

BC



- (e) Remove the nut (labeled E) and sensor clamp (labeled F) from the trailing arm.
- (f) Remove the bolt (labeled G) and sensor body (labeled H) from the carrier.

**NOTICE:**

**Keep the sensor tip and sensor installation hole free from foreign matter.**

## INSPECTION

### 1. INSPECT REAR SPEED SENSOR

- (a) Check the speed sensor. If any of the following occurs, replace the speed sensor with a new one.
- The surface of the speed sensor is cracked, dented, or chipped off.
  - The connector or wire harness is scratched, cracked, or damaged.
  - The speed sensor has been dropped.

BC

## INSTALLATION

### HINT:

- Use the same procedures for the LH side and RH side.
- The procedures listed below are for the LH side.

### 1. INSTALL REAR SPEED SENSOR LH

#### NOTICE:

To prevent interference with other parts, do not twist the sensor wire's painted line areas when installing it.

- (a) Install the sensor (labeled A) with the bolt (labeled B).

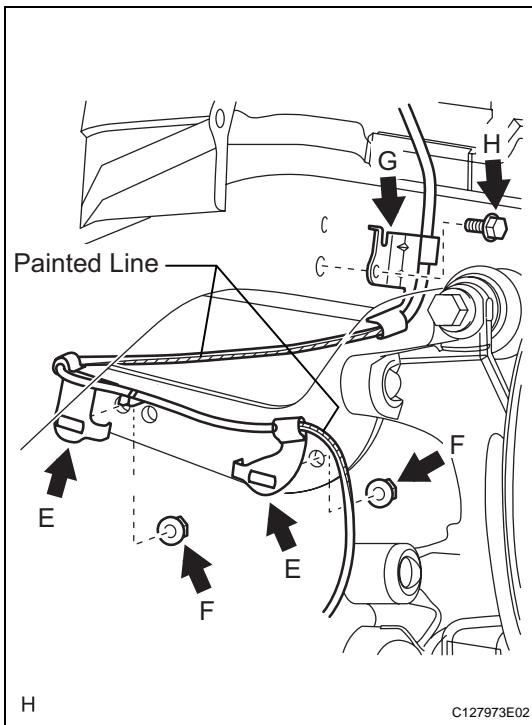
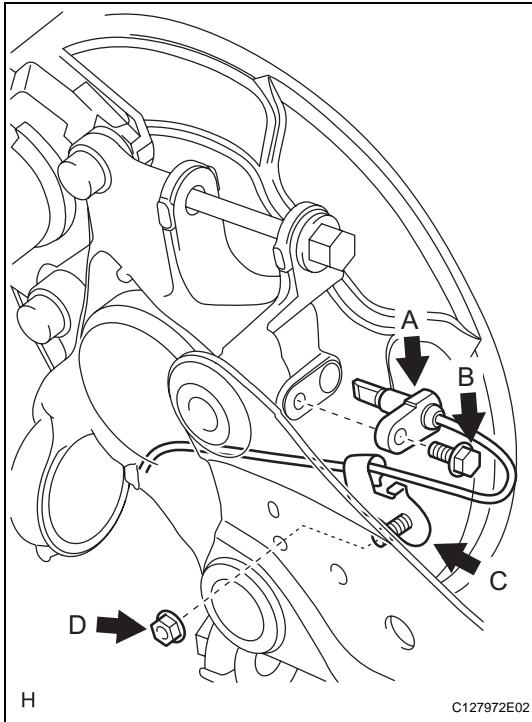
**Torque: 8.5 N\*m (87 kgf\*cm, 75 in.\*lbf)**

#### NOTICE:

- Keep the sensor tip and sensor installation hole free from foreign matter.
- To prevent interference with the bearing rotor, do not rotate the sensor body when inserting the sensor body or after inserting the sensor body.

- (b) Install the sensor clamp (labeled C) with the nut (labeled D).

**Torque: 5.0 N\*m (51 kgf\*cm, 44 in.\*lbf)**



- (c) Install the sensor clamps (labeled E) with the 2 nuts (labeled F).

**Torque: 5.0 N\*m (51 kgf\*cm, 44 in.\*lbf)**

#### NOTICE:

Do not twist the sensor wire when installing the clamps.

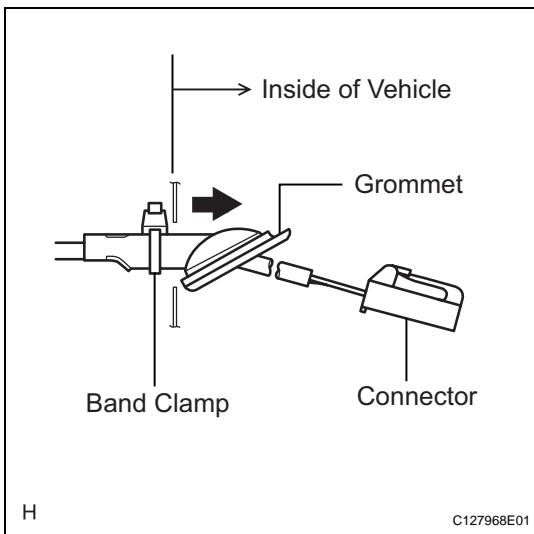
- (d) Install the sensor clamp (labeled G) with the bolt (labeled H).

**Torque: 8.5 N\*m (87 kgf\*cm, 75 in.\*lbf)**

#### NOTICE:

Do not twist the sensor wire when installing the clamp.

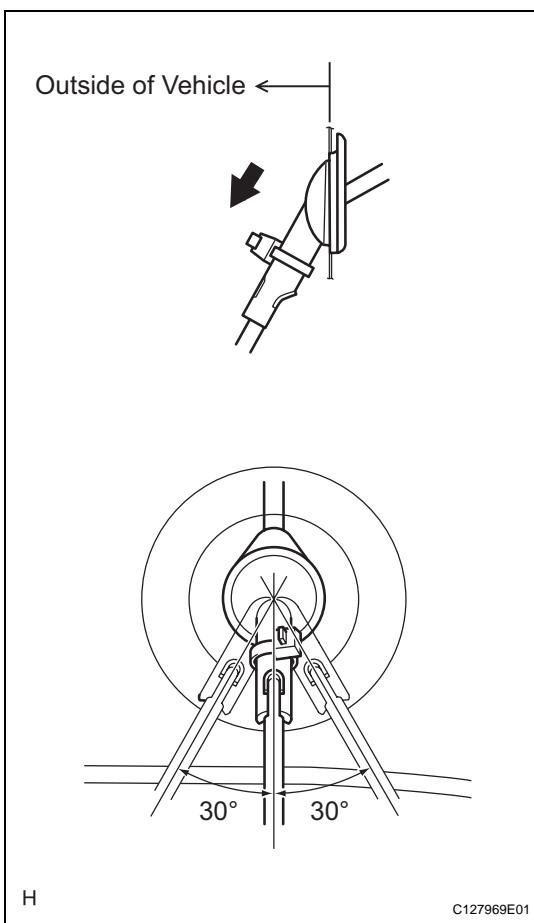
BC



- (e) Insert the connector and grommet to the inside of the vehicle through the passage hole in the wheel house.

**NOTICE:**

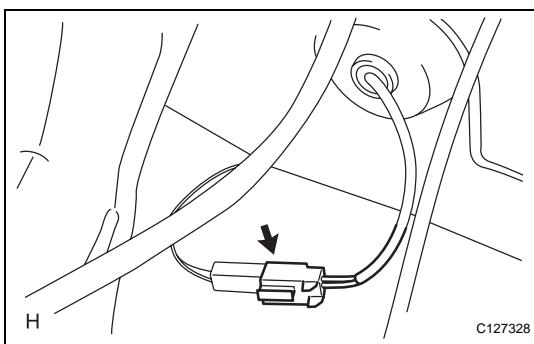
**Make sure the grommet's band clamp remains on the outside of the vehicle.**



- (f) Hold the grommet and pull it from the inside of the vehicle to the outside of the vehicle. Then fix it in place so that it is not tilted.

**NOTICE:**

- When pulling out the grommet, do not grip the sensor wire.
- Fix the grommet in place within the range shown in the illustration.



- (g) Connect the speed sensor connector.

**2. INSTALL DECK TRIM SIDE PANEL ASSEMBLY LH**

- (a) Install the deck trim side panel LH (see page [IR-49](#)).  
**HINT:**

Refer to the procedures from the installation of the deck trim side panel LH up until the installation of the rear door scuff plate LH.

**3. INSTALL REAR WHEEL**

**Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)**

- 
4. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL
  5. CHECK SPEED SENSOR SIGNAL
    - (a) Check the speed sensor signal (see page [BC-28](#)).

BC